

**ABSTRACT**

The present invention concerns a method of forming a multi-ply core component. A mold press is provided having an upper die and a lower die defining a mold cavity. At least one of the upper die and the lower die has a plurality of protrusions. A first wood composite board and a second wood composite board are disposed within the mold cavity. The first and second boards are fused proximate the plurality of protrusions by compressing the boards in the mold cavity through application of heat and pressure.